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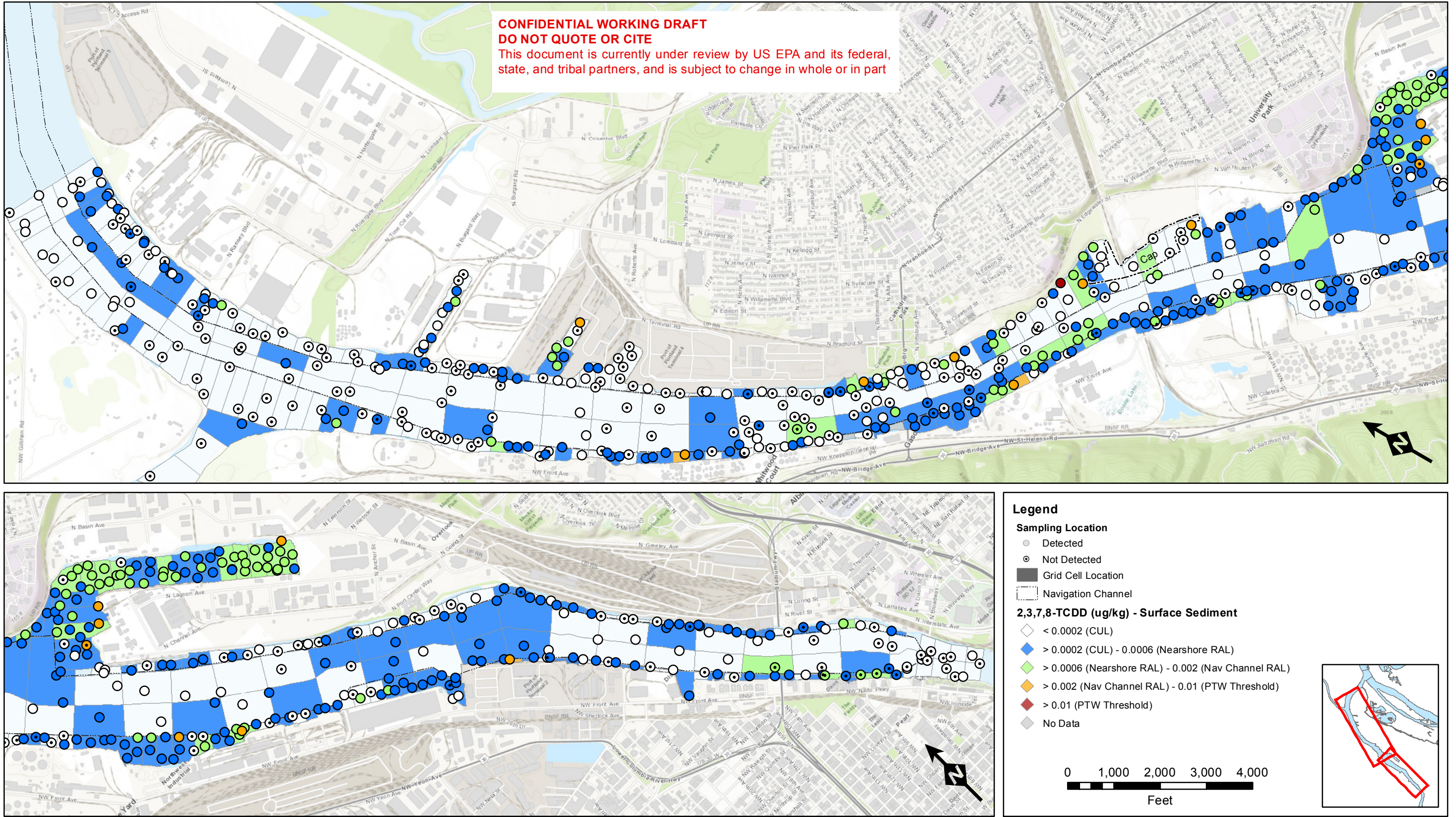
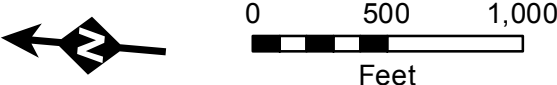


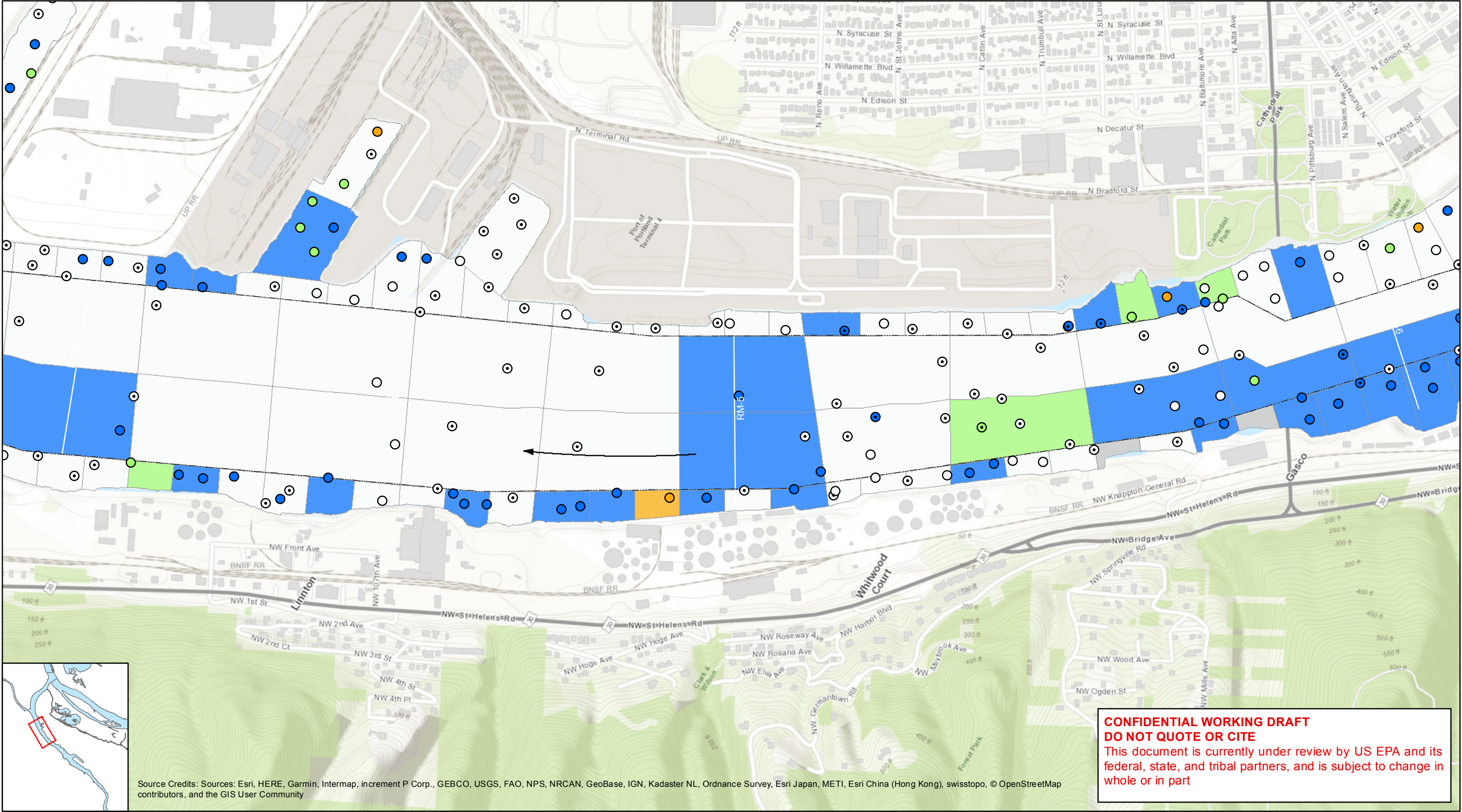
Figure 4a. Distribution of Surface Sediment Chemistry for TCDD



- Legend**
- Sampling Location**
- Detected
 - Not Detected
 - Grid Cell Location
- River Flow**
- ← River Flow
- Navigation Channel**
- Navigation Channel
- River Area**
- River Area
- 2,3,7,8-TCDD (ug/kg) - Surface Sediment**
- ◇ < 0.0002 (CUL)
 - ◆ > 0.0002 (CUL) - 0.0006 (Nearshore RAL)
 - ◇ > 0.0006 (Nearshore RAL) - 0.002 (Nav Channel RAL)
 - ◆ > 0.002 (Nav Channel RAL) - 0.01 (PTW Threshold)
 - ◆ > 0.01 (PTW Threshold)
 - ◇ No Data

Figure 4b.
2,3,7,8-TCDD with Selection Grid
River Mile 1.9 to 4





Legend

Sampling Location

- Detected
- Not Detected
- Grid Cell Location

River Flow

- ← River Flow
- Navigation Channel
- River Area

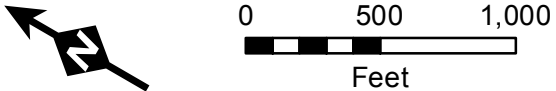
2,3,7,8-TCDD (ug/kg) - Surface Sediment

- ◇ < 0.0002 (CUL)
- ◆ > 0.0002 (CUL) - 0.0006 (Nearshore RAL)

2,3,7,8-TCDD (ug/kg) - Surface Sediment

- ◇ < 0.0002 (CUL)
- ◆ > 0.0002 (CUL) - 0.0006 (Nearshore RAL)
- ◆ > 0.0006 (Nearshore RAL) - 0.002 (Nav Channel RAL)
- ◆ > 0.002 (Nav Channel RAL) - 0.01 (PTW Threshold)
- ◆ > 0.01 (PTW Threshold)
- ◇ No Data

Figure 4c.
2,3,7,8-TCDD with Selection Grid
River Mile 4 to 6





Legend
Sampling Location
○ Detected
○ Not Detected
■ Grid Cell Location

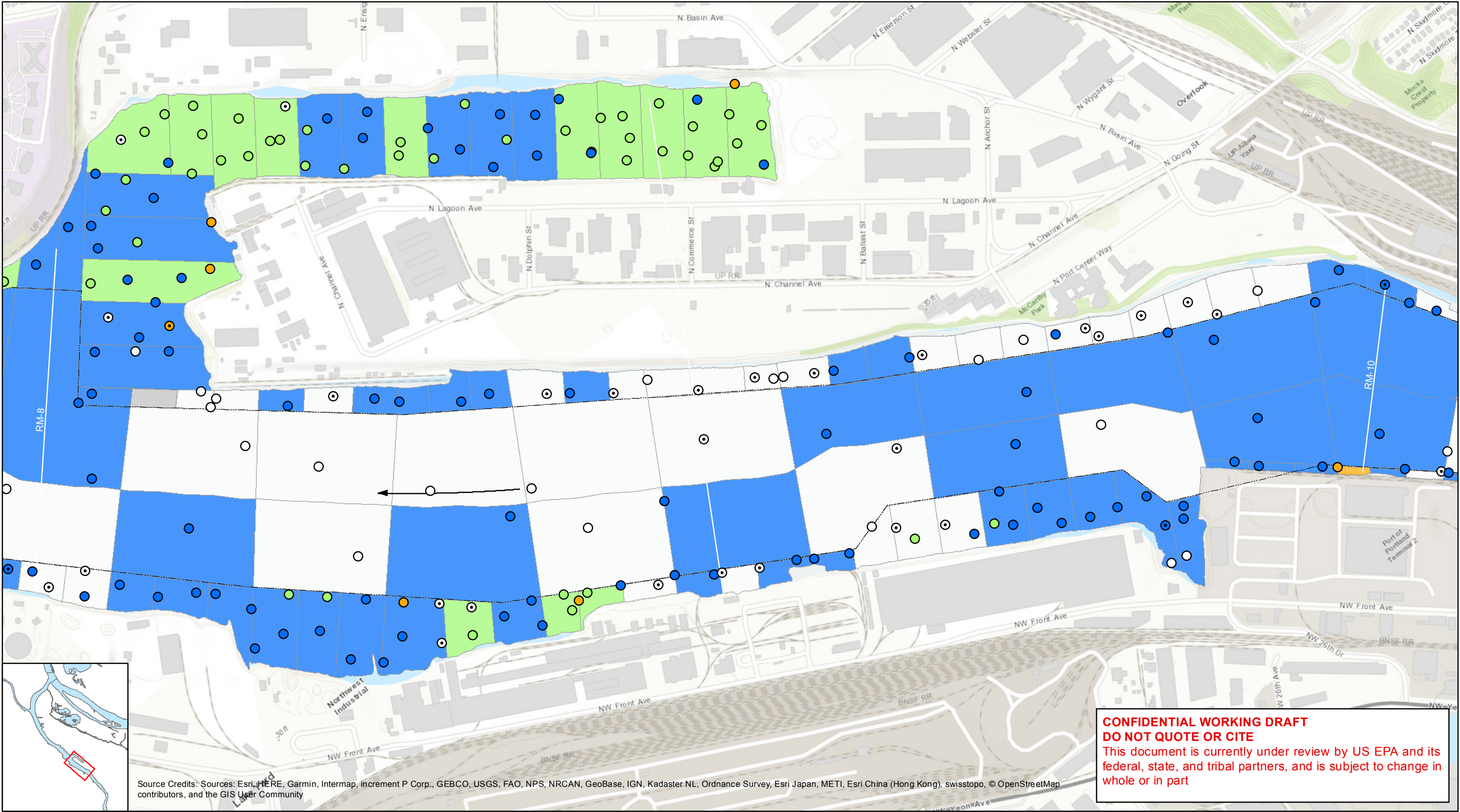
Navigation Channel
Navigation Channel
River Area

2,3,7,8-TCDD (ug/kg) - Surface Sediment
◇ < 0.0002 (CUL)
◆ > 0.0002 (CUL) - 0.0006 (Nearshore RAL)
◇ < 0.0002 (CUL)
◆ > 0.0002 (CUL) - 0.0006 (Nearshore RAL)
◆ > 0.0006 (Nearshore RAL) - 0.002 (Nav Channel RAL)
◆ > 0.002 (Nav Channel RAL) - 0.01 (PTW Threshold)
◆ > 0.01 (PTW Threshold)
◆ No Data

River Flow
River Flow
Navigation Channel

Figure 4d.
2,3,7,8-TCDD with Selection Grid
River Mile 6 to 8

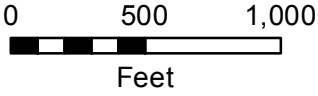
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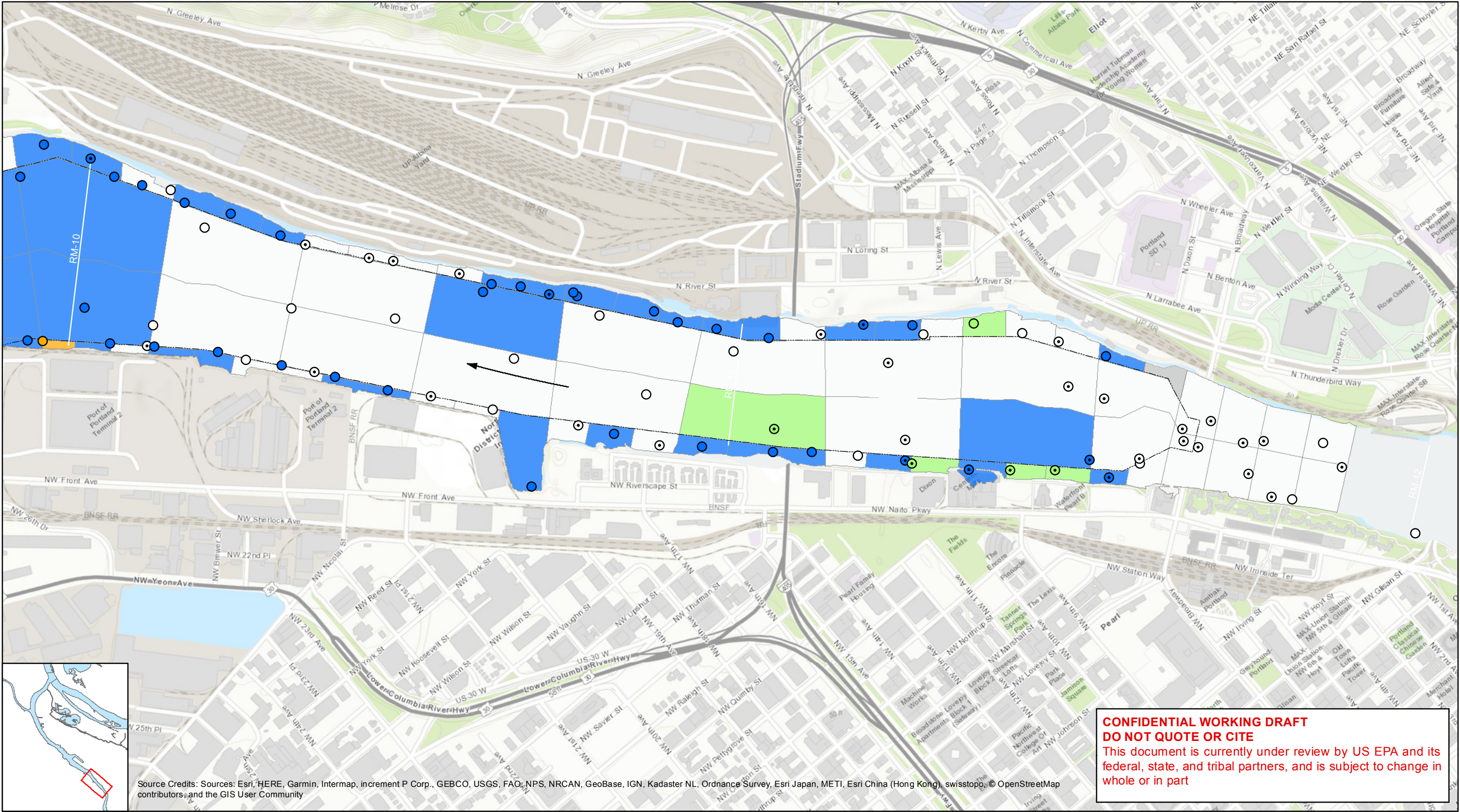


Legend

- | | | | |
|--------------------------|--------------------|--|--|
| Sampling Location | River Flow | 2,3,7,8-TCDD (ug/kg) - Surface Sediment | > 0.0006 (Nearshore RAL) - 0.002 (Nav Channel RAL) |
| Detected | Navigation Channel | < 0.0002 (CUL) | > 0.002 (Nav Channel RAL) - 0.01 (PTW Threshold) |
| Not Detected | River Area | > 0.0002 (CUL) - 0.0006 (Nearshore RAL) | > 0.01 (PTW Threshold) |
| Grid Cell Location | | No Data | |

Figure 4e.
2,3,7,8-TCDD with Selection Grid
River Mile 8 to 10

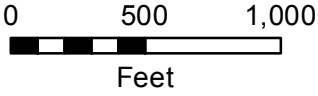


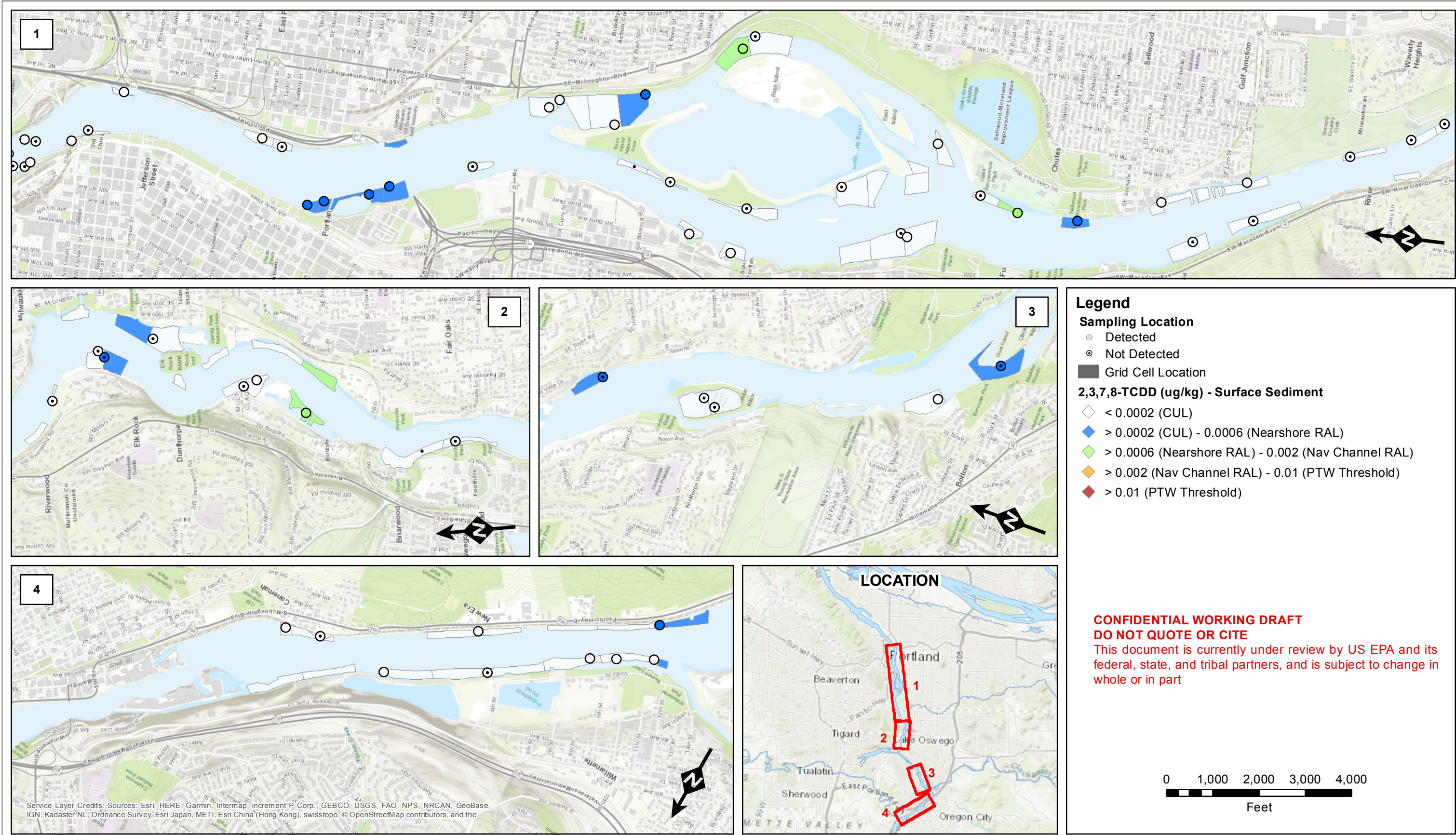


Legend

- | | | | |
|--------------------------|--------------------|--|--|
| Sampling Location | River Flow | 2,3,7,8-TCDD (ug/kg) - Surface Sediment | > 0.0006 (Nearshore RAL) - 0.002 (Nav Channel RAL) |
| Detected | Navigation Channel | < 0.0002 (CUL) | > 0.002 (Nav Channel RAL) - 0.01 (PTW Threshold) |
| Not Detected | River Area | > 0.0002 (CUL) - 0.0006 (Nearshore RAL) | > 0.01 (PTW Threshold) |
| Grid Cell Location | | No Data | |

Figure 4f.
2,3,7,8-TCDD with Selection Grid
River Mile 10 to 12





Distribution of Surface Sediment Chemistry for 2,3,7,8-TCDD (2018 Downtown and Upstream Samples)